

Cytarabine

Catalog No: #S1272

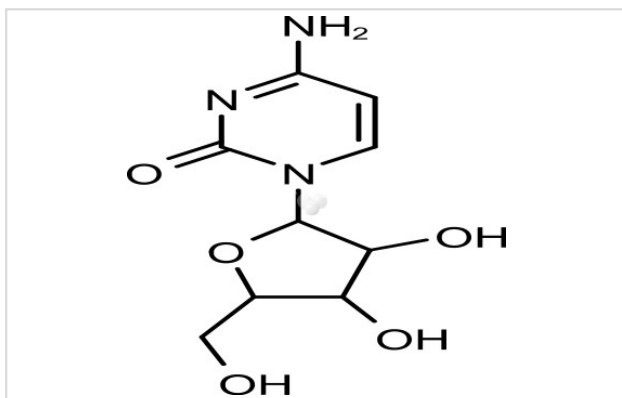
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Description

Product Name	Cytarabine
Brief Description	Inhibitors
Purification	99.85%
Target Name	DNA/RNA Synthesis inhibitor
Calculated MW	243.22
Formulation	C9H13N3O5
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Cancer
 SMILES: C1=CN(C(=O)N=C1N)[C@H]2[C@H]([C@@H]([C@H](O2)CO)O)O
 Pathways: DNA Damage/DNA Repair
 Receptor: DNA synthesis
 Boiling pt: 545.7°C
 Melting pt: 214°C
 Solubility: Water: 48 mg/mL (197.35 mM); DMSO: 1 mg/mL (4.11 mM)
 Appearance: White Powder
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Prakasha Gowda AS, et al. Biochemistry. 2010 Jun 15;49(23):4833-40.

Note: This product is for in vitro research use only